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Associated Students of the Montana School of Mines

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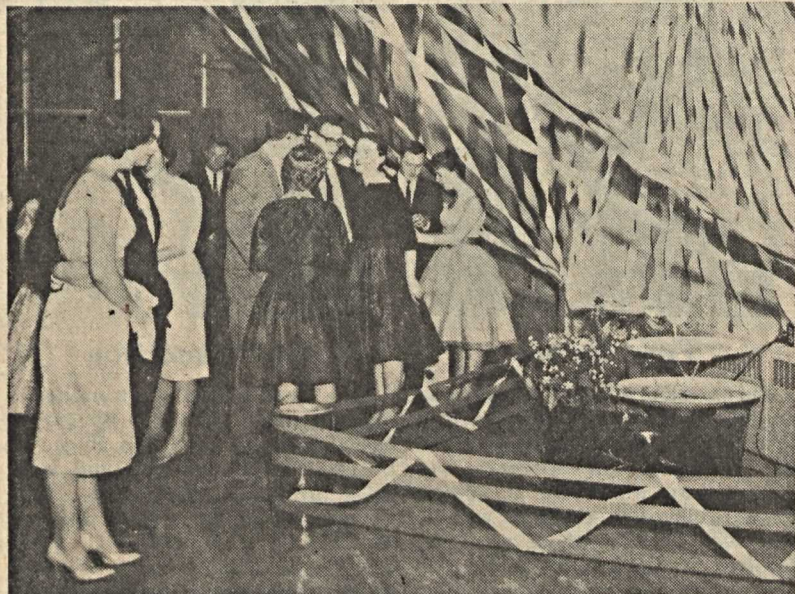


The Montana School of Mines AMPLIFIER

Vol. VII, No. 8

PUBLISHED BY THE ASSOCIATED STUDENTS OF THE MONTANA SCHOOL OF MINES

February 17, 1961



Circle K Presents The Sweetheart Swirl

The Circle K Club sponsored the Sweetheart Swirl on Registration day. It was the first semi-formal dance presented by the club and it proved to be a big success! About 50 couples attended this first big event of the second semester held February 6 from 9 to 12 p.m. in the Copper Lounge. Music was provided by the R J Trio.

Red and white streamers interwoven in modernistic designs arrayed the Upstairs Lounge. Near the north wall of the hall was the main decoration, a small water fountain surrounded by various ferns and flowers and colored spotlights. Other decorations included large red and white hearts and red cupids. The refreshment table was also decorated in a valentine's theme.

A large spotlight on the piano, in addition to the red and pink lights surrounding the fountain and the fireplace, added an enjoyable atmosphere to the dance.

The Circle, headed by Tom Cavanaugh, is a newly organized service organization on campus, and its first big dance "The Sweetheart Swirl" proved to be very successful.

International Affair Announced

The main topic of the recent meeting of International Club was their forthcoming dance, scheduled for Saturday, March 11, from 9 to 12 p.m. The traditional dance is considered by many to be the highlight of the social season at MSM.

Following the custom of previous years, foreign foods, prepared by the members of the club, will be served, buffet style.

During the course of the evening, MC Kurt Wiess will take

Engineers' Week Begins

Walter Everly, president of the Butte Chapter of the Montana Society of Engineers, recently outlined several events in which his organization will participate in observance of National Engineers' Week here, February 19-25.

"Engineering—A Career of Opportunity" is the theme for the week's activities which include a television panel program and engineers as speakers at local high schools.

The television panel scheduled for Sunday, February 19, 3:30-4:00 p.m., will be composed of David Straw, an outstanding Butte High School senior; Frank Hughes, a top Boys Central High School senior; and engineers Richard Lloyd and Robert Corbett.

National Engineers' Week is an annual observance sponsored by the National Society of Professional Engineers to "bring to the attention of the American people the role of the engineer in society, and his vital function in furthering safety, technical progress, and public welfare," Everly said.

Everly added that the week of George Washington's birthday is traditionally chosen since the first President of the United States was himself a notable civil and military engineer.

charge of various stunt dances, and will also introduce the unusual entertainment to be presented at intermission. The decorations committee, consisting of Ann Perry, Pat Stephens, and Kari Keup, has decided on a Hawaiian theme for the formal dance. Music will be provided by the R-J band. Mr. Smith is the faculty sponsor for the club.

Mahagin Receives ASM Scholarship

Donald E. Mahagin, Butte, and a student metallurgical engineer at Montana School of Mines, has been awarded a \$500 scholarship by American Society for Metals' Foundation for Education and Research.

Allan Ray Putnam, managing director of the 33,000-member educational society, announced the scholarship as part of this year's \$30,500.00 program presented to engineering students at 61 different participating colleges and universities throughout the United States and Canada. Winners are chosen by the schools themselves.



DONALD E. MAHAGIN

and receive a certificate in addition to the cash award.

The ASM Foundation for Education and Research, according to Putnam, was established in 1953 to recognize outstanding achievement in the study of metallurgical engineering, and to encourage more students to enter this important profession. The \$750,000 Foundation is the largest ever established by a technical society from its own resources.

Including the 1960-1961 winners, 428 engineering scholarships have been awarded by the Society for a total of \$189,200. Dr. William A. Pennington, head of metallurgy at University of Maryland, College Park, is president of the Society and Walter Crafts, associate director of technology, Union Carbide Metals Co., Niagara Falls, N.Y. is president of the Foundation.

Air Force Gets Two Recruits From School of Mines

Stanley Eugene Bosch and Wallace Carl Johnson of Anaconda, students at the Montana School of Mines in Butte, enlisted recently in the U.S. Air Force, M.Sgt. George W. Scott, Anaconda recruiter announced. Both enlistments were for four years.

The youths left Tuesday for Lackland Air Force Base in Texas for basic training. Bosch chose the aviation cadet program for pilot training. Johnson chose a career in electronics.

Scott reported Johnson established the highest grade ever recorded by a recruit in Montana, Eastern Washington or northern Idaho in four aptitude tests at the recruiting station in Butte. He received a 95, the highest grade possible, in the administrative, technician general, electronics and mechanical tests before he selected electronics for a career.

Both students are graduates of Anaconda High School. Bosch is a son of Mr. and Mrs. Steve Bosch of 804 E. Sixth. Johnson is a son of Mr. and Mrs. Albert J. Johnson of 705 Hickory.

Coeds and Student Wives Entertain High School Girls

Monday afternoon, February 13, the MSM Coed Club and Student Wives Club sponsored a "Get Acquainted Party" for the senior girls of Butte Public, Butte Central, Anaconda Public and Anaconda Central High Schools. The occasion began at 3:30 with guided tours of the campus and discussions with students and teachers. Through this kind of informal person-to-person program it is hoped that more local high school students will consider and be encouraged to attend the School of Mines. The coeds and hostesses talked with the girls, helping to explain the curriculum, and answering questions.

More than one hundred high school girls met together with student wives and coeds in the Copper Lounge for refreshments, entertainment, and more "getting acquainted."

Concrete Conclave To Be Held

Montana School of Mines will be the site on Thursday, March 2 at 8 p.m., of a meeting on the design and construction of pre-stressed concrete.

Both the Montana State Highway Department and the Portland Cement Association are co-sponsors.

Mr. John J. Walsh of the Bridge Division of the Montana State Highway Department, Helena, will discuss the design of pre-stressed concrete. Mr. Walsh has had teaching experience and has been engaged in design work for a number of years.

Mr. Floyd Swenson, Great Falls, structural specialist for the Portland Cement Association in Montana, will speak on construction both in the casting yard and at the site. Mr. Swenson, widely known throughout the state among architects and engineers and a former professor of civil engineering at Montana State College, has been with the Portland Cement Association for a number of years.

A film from Colorado Fuel and Iron Corporation on "Introduction to Pre-Stressed Concrete" will be shown.

Making preparations for the meeting are Richard Pugh, associate professor of mechanics at Montana School of Mines; A. W. Jones, Chief of the Bridge Division of the Montana State Highway Department, Norm Baumgart, district engineer in the Portland Association's Helena office.

Any inquiries should be directed to Professor Pugh.

Red fruit punch and heart-shaped, pink-tinted cookies complimented the Valentine theme of the table decorations of red hearts and white flowers. For the featured entertainment Susan Hayes sang "I'm Gonna Wash That Man Right Outa My Hair," and "Forever Yours." Marvin Mitchell entertained with his "swinging" piano selections of "Swinging Shepherd Blues," "Five Foot Two," and "Sailor." Gary Burke played his guitar and sang "Save the Last Dance for Me," "Barbeto Rum," "Sloop John B," and "Swing Low, Sweet Chariot."

Co-chairmen for organizing the party were Toni Stefanich and Mrs. Mike Maddox. Kari Keup made posters and helped with the publicity.

Ushers were Betty Pryor, Amy Jacobson, Susan Hayes, and Sharon Breen. Among the hostesses were Mrs. Don Rolfe, Mrs. Dave Cushing, Mrs. Don Mahagin, Mrs. Jim Connell, Mrs. Mike Maddox, Mrs. Dick Coppage, Mrs. Koch, Mrs. Clifford Laity, Mrs. Frank Crowley, Mrs. Harris and Mrs. Zane Kelly.

The party was considered quite a success by all who attended. Many of the high school senior girls plan to enroll here at MSM next year.

Be To Be Tested By M.B.M.G.

The Montana Bureau of Mines and Geology at Montana School of Mines announces that it has received chemicals for making rapid beryllium tests. Prospectors and miners who suspect beryllium-bearing minerals are invited to submit samples, about 1/4 pound, to the Bureau for free identification. Each sample will be examined visually; then samples considered by Bureau personnel as likely to contain beryllium will be tested chemically. The testing procedure can be used only for the detection of beryllium, not for determining the amount present.

Although all specimens will not be tested chemically, all specimens will be examined thoroughly as part of the Bureau's free mineral identification program, and a report will be sent to each person.

The testing program for beryllium is a forerunner of a hoped-for project, which may begin in the summer of 1961, on an investigation of the nonpegmatitic beryllium sources in Montana, if funds are available.

(Continued on page 4)

Coming Events

FEBRUARY—

- 24—Basketball, Carroll College, here
- 25—Opening meeting of International Club, Julio Tamayo, guest speaker, Library-Museum, 8:00 p.m.
- 27—Student Wives Bridge Club, Coed Room, 7:30
- 27—Mine Rescue and First Aid Begins

MARCH—

- 2—Conference on Pre-stressed Concrete—Physics Lecture Room, 8 p.m.
- 5—Faculty Wives and Student Wives Party—Copper Lounge, 8 p.m.
- 8—Student Wives Meeting—Coed Room, 8 p.m.
- 13—Student Wives Bridge Club—Coed Room, 7:30 p.m.
- 20—Convocation—Missoula Players, Library-Museum, 8:15 p.m.
- 25—Easter Recess Begins
- 27—Student Wives Bridge Club, Coed Room, 7:30

APRIL—

- 3—Easter Recess Ends, 8 a.m.



February 6, Registration Day for the second semester. Students are receiving section numbers by the staff.

The Amplifier

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ARTCRAFT PRINTERS BOZEMAN, MONTANA

Editorial

All students and faculty at Montana School of Mines are to be commended for their mature and sensible conduct in evaluating and judging the trying circumstances which have confronted our school during the past several weeks. The absence of demonstrations and criticisms of governmental authorities and agencies indicates a high degree of understanding of the situation. It also indicates a knowledge that such outbursts could be more harmful than helpful to our school. It is indeed gratifying to the administration to know that all people on the campus are on the same team and that they have confidence in the judgment and opinions of those who are authorized to administer the affairs of the college.

Progress is being made toward a workable solution of the budget problem, and it is believed that we will be able to operate all essential functions of the school during the next biennium. Obviously, we will be required to conduct our affairs on a minimal basis, but the academic portion of the program will not suffer in the process. All students can expect to continue to receive the same quality of instruction as they have received in the past.

At the present time, no actions have developed which would threaten our continuance, and we are confident that we will be able to justify the position of the Montana School of Mines in the event of any investigation which might take place in the future.

—President E. G. Koch

Honor Roll

First Semester 1960-1961

Name	Class	Home	Grade		
			Hrs.	Pts.	Index
Connell, Maribeth	General	Butte, Mont.	13	39	3.00
Saperstein, L. W.	Freshman	Elmhurst, N. Y.	18	54	3.00
Boettcher, A. L.	Senior	Great Falls, Mont.	23	66	2.87
Speelman, E. L.	Senior	Kalispell, Mont.	21	59	2.81
Burke, Maria B.	General	Butte, Mont.	17	47	2.76
Fischer, L. M.	General	Butte, Mont.	18	49	2.72
Coghlan, W. A.	Sophomore	Manhattan, Mont.	24	65	2.71
Conway, J. T.	Sophomore	Butte, Mont.	21	55	2.62
Krskovich, Joann M.	Gen'l.	Butte, Mont.	18	47	2.61
Bilyeu, P. W.	Senior	Wolf Point, Mont.	23	60	2.61
Johnson, R. E.	Junior	Anaconda, Mont.	20	52	2.60
Beardslee, E. H.	Sophomore	Anaconda, Mont.	20	50	2.50
Panisko, F. E.	Sophomore	Butte, Mont.	16	40	2.50
Strobel, C. J.	Freshman	Terry, Mont.	18	44	2.44
Prellwitz, R. W.	Senior	Minneota, Minn.	23	56	2.43
Mahagin, D. E.	Senior	Butte, Mont.	19	46	2.42
Keup, Kari M.	General	Butte, Mont.	20	48	2.40
Beers, R. C.	Freshman	Chicago, Ill.	18	43	2.39
Fossey, P. A.	Junior	Lander, Wyo.	16	38	2.38
Kravik, G. D.	Senior	Havre, Mont.	24	57	2.38
Jones, J. E.	General	Butte, Mont.	19	45	2.37
Bill, R. E.	Freshman	Long Beach, Calif.	17	40	2.35
Herring, A. P.	Junior	McMinnville, Ore.	20	47	2.35
Larvie, F. C.	Junior	Walkerville, Mont.	21	49	2.33
Perry, Ann	General	Helena, Mont.	18	42	2.33
Peters, G. A.	Freshman	Cincinnati, Ohio	18	42	2.33
Bork, D. W.	Junior	La Grande, Ore.	20	46	2.30
Cockhill, B. E.	General	Butte, Mont.	17	39	2.29
Mannix, Sandra L.	General	Butte, Mont.	18	41	2.28
Senne, M. A.	Sophomore	Rexford, Mont.	24	54	2.25

West Germany Meeting Challenge Of Modern World

The West German "Council of Arts and Sciences", composed of 39 leading scientists and set up in 1957 by agreement between the Federal Government and the Lander Governments, this winter published a report on the situation of the German universities.

After two-and-a-half years of thorough studies, the Council recommends

- provision of better facilities to achieve a "more homogeneous" preuniversity education;
- an increase in the teaching and administrative staffs of the universities;
- sending students with a common field of specialization to the same universities; and
- establishment of three new universities and one technical institute in the Federal Republic.

The Council's report came at a time when more and more warnings were being voiced that the Federal Republic would be outdistanced in technological matters, and would lose her position as one of the free world's leading industrial powers.

Actually, the West German universities are overcrowded, and though they are being continuously enlarged, they cannot keep up with the rush of new students.

At least three new universities and one technical institute are needed to take care of the increase. These new universities will in many essentials be patterned after the older institutions; but at the same time they are to provide an experimenting ground for evolving a new model. Naturally, the entire project will require an enormous outlay. Carrying out the emergency measures alone, apart from current and future grants to the universities, will cost DM2,500,000,000—while establishing the new universities will require many times that sum. Even so, however, it is confidently expected that, with necessity in the driving seat, the money will be forthcoming. The prospect is that the Federal Government, the Lander and industry will embark upon the great and sustained effort without which, as one observer recently wrote, "Germany's universities would become backward areas in a nuclear world."

The Government Payroll

One out of every seven persons employed works for a governmental agency either at the Federal, state or local level.

It costs about \$33 billion to support the payrolls covering the eight million government workers, 2.3 million of which are on Federal jobs and the remainder on state and local payrolls.

And the Tax Foundation estimates that by 1970 there will be 10 million persons on government payrolls.

It costs each family in the nation \$610 to maintain this army of workers. And if the estimate for 1970 proves correct, it will cost nearly \$800 per family. In 1950, it cost each family \$340 to meet these payrolls.

The 1 out of 7 statistic is for civilian workers only. Big government requires big payrolls.

A salesman called a prospective customer and the phone was answered by what was obviously a small boy.

"Is your mother or father at home?" the salesman asked.

The child said no and the salesman asked if there was anyone else he could speak to.

"My sister," the youngster replied.

"Let me speak to her," the salesman said.

There was a long period of silence and the little boy returned to the phone.

"I can't lift her out of the play pen," he said.

On-the-job accidents in the steel industry declined 33 per cent during the 1950's.

Who's Who on Campus



Pete Gross

This week's Who's Who on Campus spotlights Pete Gross. Born in Grassy Lake, Alberta, he attended the University of Alberta. His second year was spent at Mount Royal College in Calgary and he has been at the School of Mines for two years. Enrolled in the Geological Engineering course, Pete plans to graduate this year and hopes to secure a job some place in Canada.

Some of the organizations Pete belongs to include the A.I.M.E., of which he is vice-president, secretary of the A.S.S.M., Theta Tau, M Club, and Newman Club. He is also head of the Petroleum department for E-day.

One of the outstanding players on the Mine's hockey team, Pete has played hockey "ever since I could walk." Besides hockey, he also participates in football, intramural basketball, and baseball. He also enjoys golf. However, he rates hockey as his favorite sport and when asked how he thinks the Mines team will do in the Hockey Tournament, he replied, "We're going to take it, what do you think?"



Amy Jacobson

This week's Coed personality is Amy Jacobson. Born in Bismarck, North Dakota, she has lived in Butte most of her life and is a 1960 graduate of Butte High School. As a freshman at the Mines, Amy is enrolled in the General Course and plans to transfer to Bozeman where she will study elementary education, majoring in English and taking psychology and foreign language as minors. Amy is also interested in beauty work and planned to enter Elderkin's Beauty School before she entered MSM. However, she is still interested in that type of work and may study it later.

A cheerleader this year, Amy is very active on campus. She is a member of the Coed Club, Glee Club, Wesley Club, and a member of the Magma staff.

When asked how she likes the Mines, Amy replied, "I stand on the 5th Amendment."

Her favorite food is pizza and her favorite subject is History of Civilization. Cheerleading rates as her favorite hobby and pastime. She also enjoys bowling, tennis, skating, and trips to Billings.

Letter to the Editor

Dear Editor:

The recent developments concerning the use of recreational facilities at the Copper Lounge are disturbing to me. Why should students be charged to use facilities that should be financed through the Student Activity Fee? Does this trend mean that next, meters will be installed in the parking lot?

If the real reason for charging fees for the use of the pool and ping pong facilities is mistreatment of the equipment, couldn't a deposit on the cue sticks, paddles, etc. serve the purpose as well? The deposit could be refunded after the players have returned the equipment in satisfactory condition.

Very few of the students at

MSM can afford an unlimited expenditure on recreation. The charge for the use of the Copper Lounge game facilities makes it impossible for some students to enjoy their favorite sport.

Why can't the Copper Lounge game rooms be kept open on Sunday? Many of the students have very little other free time to relax. The students at the dorm especially would enjoy an arrangement of this sort. Would this be possible without some sort of additional fee?

Sincerely,
Anonymous

The partisan, when he is engaged in a dispute, cares nothing about the rights of the question, but is anxious only to convince his hearers of his own assertions.

LITTLE MAN ON CAMPUS



"AS A MATTER OF FACT—WE DON'T EXPECT PROFESSOR SNARF BACK IN TH' LAB FOR TH' REST OF TH' AFTERNOON."

Drumm Drubs Miners

The Eastern Montana College of Education's Yellowjackets invaded the Montana School of Mines' hill-top gymnasium to beat the Mines 77 to 60.

The Yellowjackets are an unusually tall team but if it weren't for one factor they would be just an average or below average basketball team. That one factor is a 6 foot 8 inch freshman by the name of Bill Drumm, who towered five inches over the Mines' tallest man, Jim Connors. Drumm, going into the Friday night game, led the league in scoring with 22.9 points per game and was second in rebounding with 14.9 per game. The big center's scoring average was not hurt in Butte, February 3, as he practically singlehandedly demolished Ed Simonich's scrappy Orediggers by scoring 15 field goals and 6 free throws for a total of 36 points.

Eastern led at the half by a 31-28 margin and the Orediggers stayed close behind until, with 8 minutes left in the game, Mines' Jim Connors fouled out. The Yellowjackets then moved steadily ahead.

Drumm was the game's high scorer with 36. Trailing him were Miners Bob Lemelin with 19 and Tom Liebsch with 18.

Mines—60				
Box Score:	G	F	P	T
Lemelin	7	5	4	19
Leibsch	6	6	1	18
Connors	4	2	5	10
Thompson	3	1	1	7
Lane	2	0	3	4
Bayliff	0	0	3	0
Conway	0	0	0	0
Richards	0	0	0	0
Dickinson	0	0	1	0
Gow	1	0	0	2
Totals	24	14	16	60
Eastern—77				
Hereim	0	1	0	1
Coulter	4	3	1	11
Drumm	15	6	3	36
Rinella	5	0	3	10
Reynolds	3	0	3	6
Miller	1	0	2	2
Zinne	0	1	2	1
Hepp	0	0	2	0
LeMareux	0	2	0	2
alub	1	1	0	3
Price	1	0	1	2
Shaffer	1	1	0	3
Totals	31	15	17	77

Mines Students Win In Boxing Tournament


The Montana AAU Boxing Tournament, sponsored by Bill Barry's Boxing Club, was held at the Butte Civic Center, Friday and Saturday, January 27 and 28. This tournament brought together over thirty-five of the state's best amateur fighters.

Rick Miller and Bob LeCoure, both freshmen at the Montana School of Mines, turned in fine performances for the Butte clubs. Miller, fighting at 126 pounds for Bill Barry's Club, decisioned Jim Baker of Helena on Friday night. Saturday afternoon, in the semi-finals, he outpointed Mike Hall of Billings and in the finals he dropped a decision to stablemate, Mike Lewis.

LeCoure, representing the Butte Recreation Club and fighting as a welterweight (147 lbs.), scored a one-round knockout over George Chavez of Hardin, Friday evening. In the semi-finals, he dropped a close decision to Dave Maxwell of Billings.

The following fighters emerged as champions:

112 lbs.—Denny Miller (Butte Rec)
118 lbs.—LeRoy Romero (Butte Rec)
126 lbs.—Mike Lewis (Barry's Club)
135 lbs.—Charles Gardipee (Great Falls), voted outstanding boxer.
147 lbs.—Jim Rogers (Butte Rec)
160 lbs.—Ken Carruthers (Great Falls)
175 lbs.—Francis Turley (Round-up)
Hwt—Steve Sullivan (Barry's Club)



A small come-on ad in a newspaper recently reaped rich rewards for the bookseller who inserted it.

"What every young girl should know before she marries. Profusely illustrated, specific instructions, sent in a plain envelope."

Every eager soul who clipped the coupon received a cookbook.

MSM Rinksters Defeat Bobcats

The Montana School of Mines defeated Montana State College 9 to 6 in a hard-fought hockey game in Butte's Civic Center February 2nd. About 400 fans watched as the Orediggers grabbed their second win of the season.

Each team had its standouts: The miners had George Bronson, Ray Kotow, Pete Gross. Ron McGeachy, Don Stewart, and Frank Sadowsky headed the Bobcat squad.

The Bobcats took an early lead on goals by Sage and Stewart.

Four Oredigger goals then followed in rapid succession. Pete Gross and George Bronson each scored unassisted. Larry Katcher on a pass from Gross and Ray Kotow, assisted by Bronson, finished out the first period's scoring.

Gross scored twice for the Miners after assists by Kotow and Katcher in the second period. Bobcat Ron McGeachy soloed MSC's third goal into the net. Going into the last period the School of Mines led 6 to 3.

Each team scored three times in the final stanza. Scoring unassisted from MSC were Ron McGeachy, Jim Baldwin, and Barry Turner. Mines scores were made by Bronson, assisted by Bill Benes, Kotow, assisted by Pete Atkinson, and Atkinson unassisted.

Officials were Tom Hitchcock, Tubie Johnson, and Tom McManus, referees; Bob Chelini and Mike Maddocks, goal judges; Ed Foley, timer and Ed Gerry, scorer.

Miners Lose Again

On January 25th, the School of Mines dropped their ninth straight basketball game of the season, losing to Western's Bulldogs, 86-61.

The Orediggers took an early lead which they relinquished after about 12 minutes of the first half and Western took a halftime lead of 41 to 27. Taking the floor for the second half the Miners pulled to within 6 points but at that point the Bulldogs took charge and ran up a 25 point margin at the final buzzer. Western substituted freely throughout the contest without visibly losing anything from their game.

Miners Jim Connors and Bob Lemelin led all scorers with 19 and 18 points respectively. They were followed by WMCOE's Cecil Warren, 17, Mike McQuirk, 14, Jerry Selvig, 13, and Maier Miller, 11.

Box score:

Mines—61				
Connors	9	1	3	19
Lemelin	8	2	3	18
Lane	0	0	4	0
Liebsch	3	2	1	8
Thompson	2	3	3	7
Bayliff	1	0	2	2
Ceserani	0	1	5	1
Conway	1	1	1	3
Dickenson	0	0	1	0
Gow	0	0	1	0
Richards	0	2	0	2
Tonkovich	0	1	0	1
Totals	24	13	24	61
Western—86				
Warren	6	5	0	17
McQuirk	7	0	4	14
Selvig	6	1	1	13
Miller	3	5	2	11
Jenkins	2	4	0	8
Hilger	1	2	0	4
Silzley	2	0	3	4
Jones	1	5	3	7
Hopper	2	0	2	4
Cox	2	0	3	4
Totals	32	22	18	86

Always Reddy with Plenty of Power!



Serving a GROWING State



Pictured, left to right, are: Atkinson, Greenburg, Watkins, Brown

Mines Pucksters Fall Before Grizzlies

Saturday night, Feb. 11, the Montana University hockey team defeated the Mines to even up the two teams in games played to date. Before a crowd of some 550 spectators, the Grizzlies skated roughshod over the Mines by a score of 13-2.

For the Grizzlies, McNeil, Elliot and Smith each scored three goals to pace their attack. Cam McCallum, Bob Craig, Ed Sibbald and Mack Fenton all dented the net for singles.

For the Orediggers, Pete Gross scored in the first period and Ray Kotow sent one home in the third and final stanza.

In the first period the fans were treated to a free for all. After McCallum and Craig had scored for the Grizzlies, and Gross for the Mines, the players forgot all they had learned and the period turned into a donnybrook. During the period, six men spent time in the penalty box. Tough body-checking, boarding and elbowing prevailed during the entire period.

Syd Brown, Mines goalie, had a total of 46 saves for the game. On the other end of the ice Jerry Sinclair stopped 24 of the 26 shots fired at him.

Earlier this season the Mines defeated the Grizzlies 10-7 and the series now stands at one win apiece. If possible, a playoff game will be held at the Civic Center in the near future.

Orediggers Lose a Close One to Gonzaga

Sunday, February 3, the Mines' hockey team traveled 300 miles to play a game which lasted 50 minutes. The team had to go from the cars to the ice without a chance to loosen up.

After the game was started, the clock was run continuously without a stop for face offs, penalties or change of lines.

Gonzaga started fast to grab a 7 to 3 lead but the Mines closed to bring the final score of 7 to 6.

Don Stewart and Ray Kotow were high scorers for the Mines, both having two goals apiece. Bob Elliott and Earl McCarthy both had one goal to finish the scoring.

For Gonzaga, Len O'Byrne, Bill Harstead, and Tom Huft shared scoring honors.

A return engagement is planned in Butte on February 25 at the Civic Center.

The Orediggers have another game scheduled for February 11, against Montana University in Butte.

Oh, That Aching Head
... the traditional wedding cake, originating in old-time Rome, was broken over the bride's head as a symbol of plenty ...

YOUR COMPLETE ONE-STOP LAUNDRY SERVICE

PARK STREET LAUNDROMAT

Self Service—Or Let Us Do It

209 W. Park Butte

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PEPSI COLA BOTTLERS

BUTTE, MONTANA

ASHTON ENGRAVING CO.

112 Hamilton Street

BUTTE, MONTANA

Know Butte...

MONTANA SCHOOL OF MINES

The foundations for Montana School of Mines were laid by acts of the Third Legislative Assembly of Montana in February, 1893, and two years later a founding commission took the actual steps to establish the school.

Against a federal grant, bonds in the amount of \$120,000 were issued. Additional monies were provided for equipment and maintenance.

The Main Hall of the institution was completed in 1897.

The first president was Nathan R. Leonard, who was succeeded in 1906 by Charles H. Bowman. Both men were mathematicians.

The first graduate was Louis Vernice Bender. He was granted a degree of mining engineer in 1903. Mr. Bender later became manager of the Anaconda Reduction Works.

The first graduate degrees were granted in 1930.

THE ANACONDA COMPANY

LITTLE MAN ON CAMPUS



Just as I thought, COONSKIN, SNARF DOESN'T READ 'EM!! LOLIASE TURNED IN ED'S 'F' PAPER WITH PERFUME ALL OVER IT."

Commission Would Penalize Colleges for Segregation

In a report entitled "Equal Protection of the Laws in Public Higher Education, 1960," the six-member, bipartisan U. S. Commission on Civil Rights has recommended that Federal funds for assistance to publicly controlled colleges and universities be disbursed only to institutions that do not discriminate on grounds of race, color, religion, or national origin.

The report, the result of a 12-month study, stated that discrimination in higher education centers on the Negro and that the heart of the problem lies in the Southern states. It added, however, "The public colleges of the Northern and Western states are not free from suspicion of discrimination against Negroes. Some 20 per cent of the public institutions in those states inquire as to the race of an applicant or ask for a photograph, or both . . ."

In its state-by-state study of public higher education the Commission noted that the nation "may desperately need additional trained manpower in the physical and natural sciences, in engineering, and mathematics, but to a great extent the South offers only history of education and teaching methods to its Negro youth. The potential physicist, chemist, mathematician, psychologist, sociologist among the

Negroes of the South is lost to the nation . . ."

In recommending that the Federal Government consider withholding assistance funds from public colleges and universities that discriminate, the Commission emphasized that "in any such Federal action taken it should be stipulated that no Federal agency or official shall be given power to direct, supervise or control the administration, curricula or personnel of an institution operated and maintained by a state or a political subdivision thereof."

The only dissent from the recommendation for withholding funds came from Commissioner Doyle E. Carlton, who said: "I cannot approve the withholding of money, coming as it does to the Federal Government from the taxpayers of the several States, as a club to forge any fixed pattern set forth by a Federal agency."

Two proposals offered by Chairman John A. Hannah and Commissioner Theodore M. Hesburgh and George M. Johnson failed to win majority approval when they met with objections from Vice Chairman Robert G. Storey and Commissioners Carlton and Robert S. Rankin.

One would have recommended that Federal funds for assistance to private, as well as public, colleges and universities that discriminate be withheld.



On Registration Day a new amendment to the Constitution of the Student Council passed by a 239 to 13 vote. The amendment voted on reads as follows: This constitution may be amended by ballot by two-thirds of the active members WHO VOTE at an election held as specified in Article III, Section 4.



JULIO TAMAYO

Julio Tamayo to Speak At Public Meeting

The International Club will feature a talk by Julio Tamayo at a public meeting Friday night, February 24, at 8 o'clock in the Library-Museum Building. Julio will discuss the history, geography, and customs of his country, Peru, and present a display of pictures, clothing, and other Peruvian articles.

Julio was born in June of 1935 in Lima, Peru. His mother and sisters are teachers in Lima and his brother is a civil engineer in Venezuela. His father, who was also an engineer, died when Julio was five. Engineering seems to run in his family; ever since he can remember he has planned to be an engineer.

After six years of primary school and five years of secondary school, Pulio attended the National University of Engineering sponsored by the Women's Auxiliary of the American Institute of Mining and Metallurgical Engineering and received his Mining Engineering Degree.

When he has finished this year at MSM, Julio hopes to return to Lima where he may be the manager of a new mine for the Compania de Mines Buenaventura of S. A. for whom he worked two years as Assistant Mine Superintendent after graduating from college. The Buenaventura Company is a very young one with young managers; they have two mines now in operation and if a third one opens, Julio may be in charge of the development near Uchucocua and organization of it.

During his summers between attending college, Julio has traveled in different parts of the country and has had experience working in the engineering offices in the copper, gold, silver, lead, and zinc mines.

Following the meeting the International Club will serve coffee and cookies. The public and all interested persons are invited to attend.

Wesley Club To Travel

The Wesley Club will travel to Dillon for a joint meeting with the Wesley Club at WMCE on Sunday, February 19. A dinner will be held, followed by a movie, and discussion.

The Toggery

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Blood Cheaper Than Glass

The first semester wasn't the only thing that ended with a crash this month. Nope. In their haste, two young warriors about to participate in hand-to-hand combat took part of the Copper Lounge with them.

During a well-chaperoned Coed Mixer, a brief exchange of words brought about hard feelings. Enraged gladiator No. 1 (in helping his opponent outside) threw the smaller member against the first swinging door. After flying through the first door, the throwee fell against the second. Crash! The door didn't open, but Gladiator No. 2 put his shoulder through the glass. This unexpected event prevented further bruises and bloodshed.

Moral: a pint of blood costs but \$25.00, but the glass door cost \$38.00.

BERYLLIUM TO BE TESTED— (Continued from page 1)

Beryllium, its alloys and compounds are finding many uses in the nuclear age. The metal is being tested as a neutron moderator, which slows down high-velocity neutrons without absorbing them. It has a high strength-to-weight ratio, a property that can be used to advantage in aircraft structures. Alloyed with copper, beryllium increases strength and makes copper more easily machined and cast.

The oxide of beryllium is of much interest as a refractory material. It is relatively strong and resistant at high temperatures, a property desirable for missile nose cones.



Wife, reading husband's fortune card from a penny scale: "You are a leader of men, with a magic personality and strong character. You are intelligent, witty and attractive to the opposite sex . . . It has your weight wrong, too."

As the doorman ran down to open the limousine door, he tripped and rolled down the last four steps.

"For heaven's sake, be careful," cried the club manager, "they'll think you're a member."

A dollar won't do as much for people as it once did because people won't do as much for a dollar as they once did.

A salesman trying to sell a housewife a home freezer pointed out, "You can save enough on your food bills to pay for it."

"Yes, I know," the woman answered, "but you see we're paying for our car on the carfare we save. Then, we're paying for our washing machine on the laundry bills we save, and we're paying for the house on the rent we're saving. We just can't afford to save any more right now."

Chaperone — one too old to get into the game but who still tries to intercept the passes.

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PROF. W. C. LAITY

Laity Cracks Life

When interviewed by Ann Perry, Mr. Laity stated, "The portion of my letter printed by Life is as follows:"

Sirs: Bigotry as portrayed by the incidents in Scarsdale, New York ("A Club Rebuked for Bigotry," Life, Jan. 20) and Athens, Georgia shows clearly the need for an anthropological approach to the study of history in every school in the country. Only through the dispelling of ignorance can prejudice be eradicated.

"Ethnic prejudice is rooted primarily in just plain ignorance of the basic facts of cultural anthropology, especially ethnology. There is a lack of scientific evidence to support the ideas of racial superiority, but the assertions of racial superiority in history have resulted in horrible racial persecutions, genocide, pogroms, and similar barbarous practices. Even among otherwise educated people we find some who confuse race with language, befuddle race with religion, and an especially common form of ignorance is the confusing of race with nationality. In fact, the term "race" as we use it today is a most unscientific expression because of the continuous blending and integrating of all known types.

"Hence, I was prompted to write the letter to Life after having read about the unfortunate and un-American incidents described in the January 20 issue of that magazine.

"I doubt very much that Hitler, Mussolini, and the other fascists could have used the scapegoat phenomena they employed if their people had been familiar with the elementary facts of ethnology."

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